



SINGAPOREAN NOTICES TO MARINERS

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The monthly Notices to Mariners contain information required to keep charts and publications published by the Hydrographic Division, Maritime and Port Authority of Singapore up-to-date.

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately of the discovery of new or suspected dangers to navigation, observed changes to aids to navigation and ways Singaporean Charts and Publications can be improved. The Hydrographic Note on the back page should be used for this purpose.

Detailed information of charts and publications (coverage of charts, latest editions and distributors) are available on the Maritime and Port Authority of Singapore's Website: www.mpa.gov.sg

MPA Telegram Channel: MPA has launched a Telegram channel for notices and circulars. To stay updated, please subscribe via the following link <https://go.gov.sg/mpa-telegram> or scan the QR code:



<https://go.gov.sg/mpa-telegram>

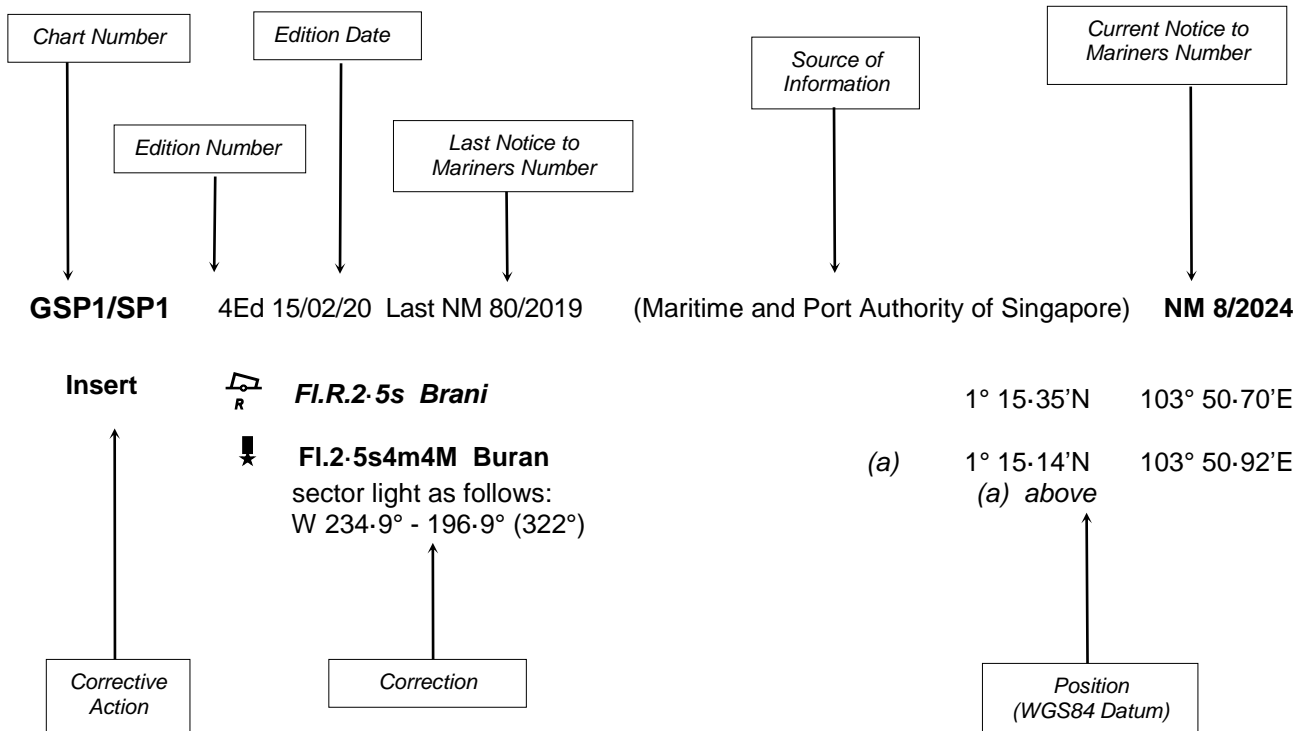
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

Contact information:

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- a) Notice to Mariners number followed by:
 - T** indicates a Temporary Notice (eg. **NM 9T/2024**).
 - P** indicates a Preliminary Notice (eg. **NM 10P/2024**).
- b) Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.
- c) Heights and elevations are above Mean High Water Springs.
- d) **#** indicates where amendments are made.
- e) ***** indicates source from Maritime and Port Authority of Singapore.

I
AFFECTED CHARTS AND PUBLICATIONS


INDEX OF NOTICES



| NOTICE NO. | DESCRIPTION | PAGE NO. |
|-------------------------|---|-----------------|
| *30 & *31 | Singaporean Chart GSP1/SP1 | 2 |
| 32, 33, 34, 35, 36 & 37 | Singaporean Chart 202 | 2 |
| 37 | Singaporean Chart 500 | 2 |
| 34, 35, 36 & *38 | Singaporean Chart 501 | 2 - 3 |
| *31 | Singaporean Chart 502 | 3 |
| *39 | Singaporean Chart 503 | 3 |
| *40 | Singapore Port Marine Notices/Circulars | 6 |
| *41 | Amendments to Publication | 7 |
| - | Reprint of Maritime Safety Information | 8 - 9 |
| - | Extract of Admiralty Notices to Mariners for Dual-Badged Charts | 10 -11 |


*Source: Maritime and Port Authority of Singapore


II


NOTICES TO MARINERS AND CHART CORRECTIONS


GSP1/SP1 8 Ed 17/01/24 Last NM 25/2024 (Maritime and Port Authority of Singapore) ***NM 30/2024**
Insert  *KUB1* 1°23·98'N 103°58·28'E


(Maritime and Port Authority of Singapore) ***NM 31/2024**
Replace  with  1°17·50'N 103°58·98'E


202 8 Ed 15/09/16 Last NM 13/2024 (Pushidrosal Indonesian Notice No.12/117/2024) **NM 32/2024**
Insert  0°56·72'N 103°44·29'E


(Pushidrosal Indonesian Notice No.12/118/2024) **NM 33/2024**
Delete  *Fl. Y. 3s* 0°56·89'N 103°35·60'E


(Pushidrosal Indonesian Notice No.13/124/2024) **NM 34/2024**
Delete  *Fl. Y. 1, 5s* 1°01·00'N 103°34·75'E


(Pushidrosal Indonesian Notice No.13/125/2024) **NM 35/2024**
Delete  *Fl. Y. 2s* 1°01·00'N 103°37·75'E


(Pushidrosal Indonesian Notice No.13/126/2024) **NM 36/2024**
Delete  *Fl. Y. 4s* 1°00·20'N 103°30·30'E

(Pushidrosal Indonesian Notice No.13/128/2024) **NM 37/2024**
Delete  *Fl. Y. 2s* 1°06·22'N 103°24·28'E

500 8 Ed 15/09/17 Last NM 73/2023 (Pushidrosal Indonesian Notice No.13/128/2024) **NM 37/2024**
Delete  *Fl. Y. 2s* 1°06·22'N 103°24·28'E

501 7 Ed 01/09/15 Last NM 24/2024 (Pushidrosal Indonesian Notice No.13/124/2024) **NM 34/2024**
Delete  *Fl. Y. 1, 5s* 1°01·00'N 103°34·75'E

(Pushidrosal Indonesian Notice No.13/125/2024) **NM 35/2024**
Delete  *Fl. Y. 2s* 1°01·00'N 103°37·75'E

(Pushidrosal Indonesian Notice No.13/126/2024) **NM 36/2024**
Delete  *Fl. Y. 4s* 1°00·20'N 103°30·30'E

*Source: Maritime and Port Authority of Singapore



II


NOTICES TO MARINERS AND CHART CORRECTIONS

(Maritime and Port Authority of Singapore)

***NM 38/2024**

| | | | |
|---------------|--------------------------------|-----------|-------------|
| Delete | limit of fish farm centred on: | 1°13·07'N | 103°51·26'E |
| Insert | limit of fish farm joining: | 1°13·21'N | 103°51·21'E |
| | | 1°13·05'N | 103°51·40'E |
| | | 1°12·96'N | 103°51·33'E |
| | | 1°13·12'N | 103°51·14'E |
| | | 1°13·21'N | 103°51·21'E |

| | | | |
|----------------|--|--|--------------------|
| 502 | 9 Ed 15/10/21 Last NM 23/2024 | (Maritime and Port Authority of Singapore) | *NM 31/2024 |
| Replace |  with  | 1°17·50'N | 103°58·98'E |

| | | | |
|---------------|---|--|--------------------|
| 503 | 5 Ed 15/08/14 Last NM 74/2023 | (Maritime and Port Authority of Singapore) | *NM 39/2024 |
| Insert |  <i>HB 1</i> | 1°19·74'N | 104°24·26'E |

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

NIL

III

NAVIGATIONAL INFORMATION

*(NM 40/2024) SINGAPORE PORT MARINE NOTICES / CIRCULARS

The Port Marine Notices/Circulars shortlisted below would be of particular interest to Mariners. Details and complete list of Port Marine Notices/Circulars are available at this link:

<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notices>

PMC No. Subject

Nil

PMN No. Subject

| | |
|---------|---|
| 26/2024 | Construction of marine viaduct off Woodlands jetty |
| 28/2024 | Design and build of off-loading quay at Seraya, Jurong Island |
| 29/2024 | Soil investigation works off AVLCC & Tuas View Extension |
| 30/2024 | Supply and delivery of sand at Changi East deposition area |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 41/2024) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2024”

The Singapore Port Information 2024 including the following updates can be accessed directly from MPA Website:

<https://www.mpa.gov.sg/who-we-are/newsroom-resources/publications/singapore-port-information>

EASTERN APPROACHES TO SINGAPORE

1. Page 71

Amend the following:

| Name Of Beacon/ Buoy | Position Lat N Long E Deg Min | Structure, Colour & Shape | Light Characteristic | Owner |
|-------------------------|--|------------------------------|----------------------|-------|
| Padang Buoy | 01°17·496' 103° 58·979' | Yellow pillar | Fl.Y.5s | MPA |
| Siglap Buoy | 01°17·975' 103° 56·514' | Yellow pillar | Fl.Y.2,5s | MPA |

SERANGOON HARBOUR

2. Page 74

Amend the following:

| Name Of Beacon/ Buoy | Position Lat N Long E Deg Min | Structure, Colour & Shape | Light Characteristic | Owner |
|-------------------------|---|------------------------------|----------------------|-------|
| Punggol Buoy | 01°25·332' 103°54·690' | Red can | Fl(4)R.15s | MPA |
| Serangoon Buoy | 01°24·063' 103°56·346' | Red can | Fl(3)R.10s | MPA |

*Source: Maritime and Port Authority of Singapore

IV

REPRINT OF MARITIME SAFETY INFORMATION

TT418

WEST BOUND DEEP DRAFT VESSELS AND VLCCS ARE REMINDED TO COMPLY WITH THE RULES OF VESSELS NAVIGATING THROUGH THE STRAITS OF MALACCA AND SINGAPORE (SOMS). THEY SHALL ALLOW FOR AN UKC OF AT LEAST 3.5 METRES AT ALL TIMES DURING THE ENTIRE PASSAGE THROUGH THE SOMS AND AS FAR AS IT IS SAFE AND PRACTICABLE, PROCEED AT A SPEED OF NOT MORE THAN 12 KTS OVER THE GROUND IN THE WESTBOUND LANE OF THE SINGAPORE STRAIT (BETWEEN SOUTH OF ST JOHN'S ISLAND & RAFFLES LIGHTHOUSE). THEY ARE ADVISED TO BROADCAST, 8 HOURS BEFORE ENTERING THE TSS, NAVIGATIONAL INFORMATION GIVING NAME, DEADWEIGHT, DRAUGHT, SPEED AND TIMES OF PASSING HORSBURGH LIGHTHOUSE AND RAFFLES LIGHTHOUSE.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPARATION SCHEME (TSS) OR PRECAUTIONARY AREAS IN THE SINGAPORE STRAIT DURING THE HOURS OF DARKNESS ARE RECOMMENDED TO DISPLAY THE NIGHT SIGNALS CONSISTING OF 3 ALL ROUND GREEN LIGHTS IN A VERTICAL LINE AS DETAILED IN THE MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 04 OF 2013 DATED 7 MAY 2013.

TT273

ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, COMPLY WITH THE COLREGS, MAINTAIN VHF RADIO WATCH AND LISTEN TO TRAFFIC INFORMATION WHEN NAVIGATING IN THE SINGAPORE STRAIT AND PORT WATERS. MARINERS ARE ALSO ADVISED TO KEEP A GOOD LOOKOUT OF FREQUENT FERRIES CROSSING THE SINGAPORE STRAIT.

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH PARTICULAR ALERTNESS AND CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE REMINDED TO PROCEED AT A SAFE SPEED AND MAINTAIN A PROPER LOOK-OUT, PARTICULARLY FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT056

CABLE VESSEL "TENEO" IS CARRYING OUT POST LAY INSPECTION AND BURIAL WORKS IN THE SINGAPORE STRAIT FROM NIPAH PRECAUTIONARY AREA AND TO SOUTH OF TSS EAST BOUND LANE OF VTIS SECTOR 7 PASSING SOUTH OF EAST BOUND LANE OF VTIS SECTOR 8 AND 9 TOWARDS SOUTH CHINA SEA VTIS SECTOR 9, FROM 16 APR 2024 TO 18 MAY 2024. TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

TT054 (AMENDED 140307Z)

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 14 APR 2024 AT 1020LT IN POSITION LAT 01-20.93N LONG 104-21.08E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PIRACY WATCH.

TT053

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 14 APR 2024 AT 0247LT IN POSITION LAT 01-04.47N LONG 103-40.72E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PIRACY WATCH.

TT051

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 06 APR 2024 AT 1645LT IN POSITION LAT 01-18.58N LONG 104-15.78E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PIRACY WATCH.

IV

REPRINT OF MARITIME SAFETY INFORMATION

TT050

CABLE SURVEY VESSEL "FUGRO SUPPORTER" IS CARRYING OUT PRE LAY CABLE SURVEY WORKS IN THE VTIS SECTOR 7 WEST BOUND LANE FROM OFF TG PIAI PROCEED TOWARDS EAST TO RAFFLES MARINA IN SINGAPORE FROM 03 APR 2024 TO 22 APR 2024. TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

TT047

TAKONG BN (RACON "TK") Q(6) + LFI 15s 8m 9M IN POSITION 01-05.900'N 103-43.250'E IS REPORTED OUT OF POSITION, UNRELIABLE & NOT TRANSMITTING. ALL VESSELS NAVIGATING IN THE VICINITY ARE ADVISED TO NAVIGATE WITH EXTREME CAUTION.

TT031

ISOLATED DANGER BUOY IN POSITION LAT 01-17.70N LONG 104-11.08E HAD BEEN REPORTED UNLIT. VESSELS IN THE VICINITY ARE ADVISED TO KEEP A GOOD LOOKOUT AND NAVIGATE WITH CAUTION.

TT028

PIATU BEACON (Y FL 5S 3M) IN POSITION LAT 01-18.539N LONG 103-38.302E IS REPORTED UNLIT. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT643

THERE IS REPORT OF CONCENTRATION OF FISHING VESSELS OBSERVED IN THE EASTBOUND TRAFFIC LANE IN THE VICINITY BETWEEN BUFFALO ROCK AND BATU BERHANTI. ALL VESSELS ARE ADVISED TO PROCEED AT A SAFE SPEED, KEEP A SHARP LOOK OUT AND NAVIGATE WITH EXTREME CAUTION AT ALL TIME.

TT642

ALL MARINERS NAVIGATING THROUGH THE STRAIT OF SINGAPORE ARE REMINDED TO MAINTAIN CLOSE AND CONTINUOUS MONITORING OF VESSEL-S POSITION. IN DETERMINING RISK OF GROUNDING, DIFFERENT METHODS OF POSITION FIXING SHOULD ALSO BE USED AS MEANS OF CROSS-CHECKING.

TT426

ALL MARINERS ARE REMINDED TO NAVIGATE WITH CAUTION IN THE PRECAUTIONARY AREAS AND TSS ,MAINTAIN A GOOD LOOKOUT FOR CROSSING TRAFFIC. VESSELS INTENDING TO CROSS THE TSS SHALL DO SO ONLY WHEN IT IS SAFE AND SHALL AT ALL TIMES COMPLY WITH THE COLREGS.

TT399

VESSELS ARRIVING TO SINGAPORE OR TRANSITING THROUGH THE STRAIT ARE RECOMMENDED TO UPDATE THEIR DESTINATION ACCURATELY IN THE AIS TO ENHANCE SITUATIONAL AWARENESS FOR OTHER TRAFFIC IN THE VICINITY. EG: SG-PEBGB FOR PILOT EASTERN BOARDING GROUND BRAVO.

TT363

MARINERS ARE REMINDED NOT TO ANCHOR IN ALL AREAS IN THE TSS ,INCLUDING PRECAUTIONARY AREAS OF THE STRAITS OF MALACCA AND SINGAPORE AS WELL AS BETWEEN THE LANDWARD LIMITS OF THE TSS AND APPROACHES TO THE PORTS. VESSELS ENTERING ANY PORT IN ANY LITTORAL STATES ARE TO ANCHOR IN THE ANCHORAGES DESIGNATED BY THE RESPECTIVE LITTORAL STATES. MARINERS ARE ALSO REMINDED THAT EVERY CARE SHOULD BE TAKEN TO AVOID ANCHORING IN THE VICINITY OF SUBMARINE CABLES OR PIPELINES.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 22th April 2024)

V
EXTRACT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

1660* SINGAPORE - Landmark.

Source: Maritime and Port Authority of Singapore

Chart 4032 [*previous update 130/24*] WGS84 DATUM

Delete symbol, flare stack, (136) 1° 14'·036N., 103° 45'·430E.



Chart 4040 [*previous update 1043/24*] WGS84 DATUM

Delete symbol, flare stack, (136) 1° 14'·04N., 103° 45'·43E.

1661 SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4034 [*previous update 4687/23*] WGS84 DATUM

Replace  Fl.R.2.5s Retan A with  Fl.R.2.5s Retan A 1° 17'·480N., 103° 45'·035E.

1674* SINGAPORE - Wreck.


Source: Maritime and Port Authority of Singapore

Note: Former Notice 990(T)/23 is cancelled.

Chart 4043 [*previous update 1051/24*] WGS84 DATUM

Insert  Wk 1° 20'·33N., 104° 03'·12E.



Chart 4044 [*previous update 582/24*] WGS84 DATUM


Insert  Wk 1° 20'·33N., 104° 03'·12E.

1718 INDONESIA - Sumatera - Submarine power cable. Submarine cable.

Source: Indonesian Notices 51/538-539/23

Chart 4041 [*previous update 1043/24*] WGS84 DATUM

Insert submarine power cable,  , joining: (a) 1° 08'·36N., 103° 55'·14E.
 1° 08'·33N., 103° 55'·08E.
 1° 08'·89N., 103° 54'·84E.
 1° 09'·08N., 103° 54'·36E.
 1° 09'·24N., 103° 53'·70E.
 1° 09'·21N., 103° 53'·65E.

Delete submarine cable, , joining: (a) above
 1° 08'·33N., 103° 55'·09E.
 1° 08'·90N., 103° 54'·84E.
 1° 09'·13N., 103° 54'·33E.
 1° 09'·14N., 103° 53'·98E.
 1° 09'·20N., 103° 53'·66E.

V
EXTRACT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>




1745* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4038 [*previous update 657/24*] WGS84 DATUM

| | | |
|--------|---|----------------------------|
| Insert |  <i>Fl.Y.2s HD TWC 5</i> | 1° 18'·47N., 103° 37'·07E. |
| |  <i>Fl.Y.2s HD TWC 6</i> | 1° 17'·94N., 103° 36'·99E. |
| Delete |  <i>Fl.Y.2s HD-TWC 5</i> | 1° 18'·17N., 103° 36'·84E. |
| |  <i>Fl.Y.2s HD-TWC 6</i> | 1° 16'·92N., 103° 36'·44E. |

Chart 4040 [*previous update 1660/24*] WGS84 DATUM

| | | |
|--------|--|----------------------------|
| Insert |  <i>Fl.Y.2s HD TWC 6</i> | 1° 17'·94N., 103° 36'·99E. |
| Move |  <i>Fl.Y.2s HD TWC 5</i> , from: | 1° 18'·17N., 103° 36'·84E. |
| | to: | 1° 18'·47N., 103° 37'·07E. |
| Delete | former  <i>Fl.Y.2s HD TWC 6</i> | 1° 16'·92N., 103° 36'·44E. |

1823* SINGAPORE - Depths.

Source: Maritime and Port Authority of Singapore

Note: Former Notice 1359(T)/23 is cancelled.

Chart 4041 [*previous update 1718/24*] WGS84 DATUM

| | | |
|--------|---------------------------------------|--------------------------------|
| Insert | depth, \mathcal{S}_3 | (a) 1° 18'·74N., 103° 59'·41E. |
| Delete | depth, \mathcal{S}_6 , close SW of: | (a) above |

Chart 4043 [*previous update 1674/24*] WGS84 DATUM

| | | |
|--------|---------------------------------------|--------------------------------|
| Insert | depth, \mathcal{S}_3 | (a) 1° 18'·74N., 103° 59'·41E. |
| Delete | depth, \mathcal{S}_6 , close SW of: | (a) above |

Updated to Admiralty Notices to Mariners no. 17 of 2024 dated 25th April 2024

HYDROGRAPHIC NOTE - Instructions

1. Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation or where corrections to nautical publications may be necessary. Reports, which cannot be confirmed or are lacking in certain details, should not be withheld.
2. Any ambiguities of time, positioning and depth should be stressed and any firm expectation of being able to check the information provided on a following voyage should be mentioned.
3. Mariners using satellite position fixing systems, eg. GPS, should provide details of equipment and datum used (where applicable). Where bearings (true or magnetic) are taken visually or by radar to fix a position, it should include more than two objects in order to provide a check on its accuracy. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.
4. The note should include a tracing or a digital image of the chart used and the details should be clearly marked.
5. Echo sounders frequently register greater depths than the advertised maximum depth for the equipment, eg. a trace appearing at 50 metres may in fact be 550 metres or even 1050 metres for equipment whose maximum depth is 500 metres. Erroneous depths caused by 2nd transmission error can usually be recognised by the following:
 - (a) the tracing being weaker than normal for the depth registered,
 - (b) the trace appearing to pass through the transmission line,
 - (c) the feathery nature of the trace.
6. Upon receipt of a hydrographic note, a Notice to Mariners may be issued. The sender's vessel or name is quoted as the source unless the same information is also received in foreign Notices to Mariners.
7. Reports of shoals, uncharted dangers and defects in aids to navigation may also be made to the appropriate Singapore Port Operations Control Centre on VHF Channels 10, 12, 14, 68 or 73.

HYDROGRAPHIC NOTE

To:
Chief Hydrographer
Maritime and Port Authority of Singapore
7B Keppel Road #20-00 Tanjong Pagar Complex
Singapore 089055

Tel : 1800 272 7777 / (65) 6272 7777
Email : hydrographic@mpa.gov.sg

Sender's Contact Details :

Date :

Name of Vessel :

Address of Sender :

Tel :

Email :

Nature of Observation :

General Location :

Subject :

Position : Lat. Long.

Charts Used :

Date & Time of Observation :

Details :

.....

.....

Attachment :

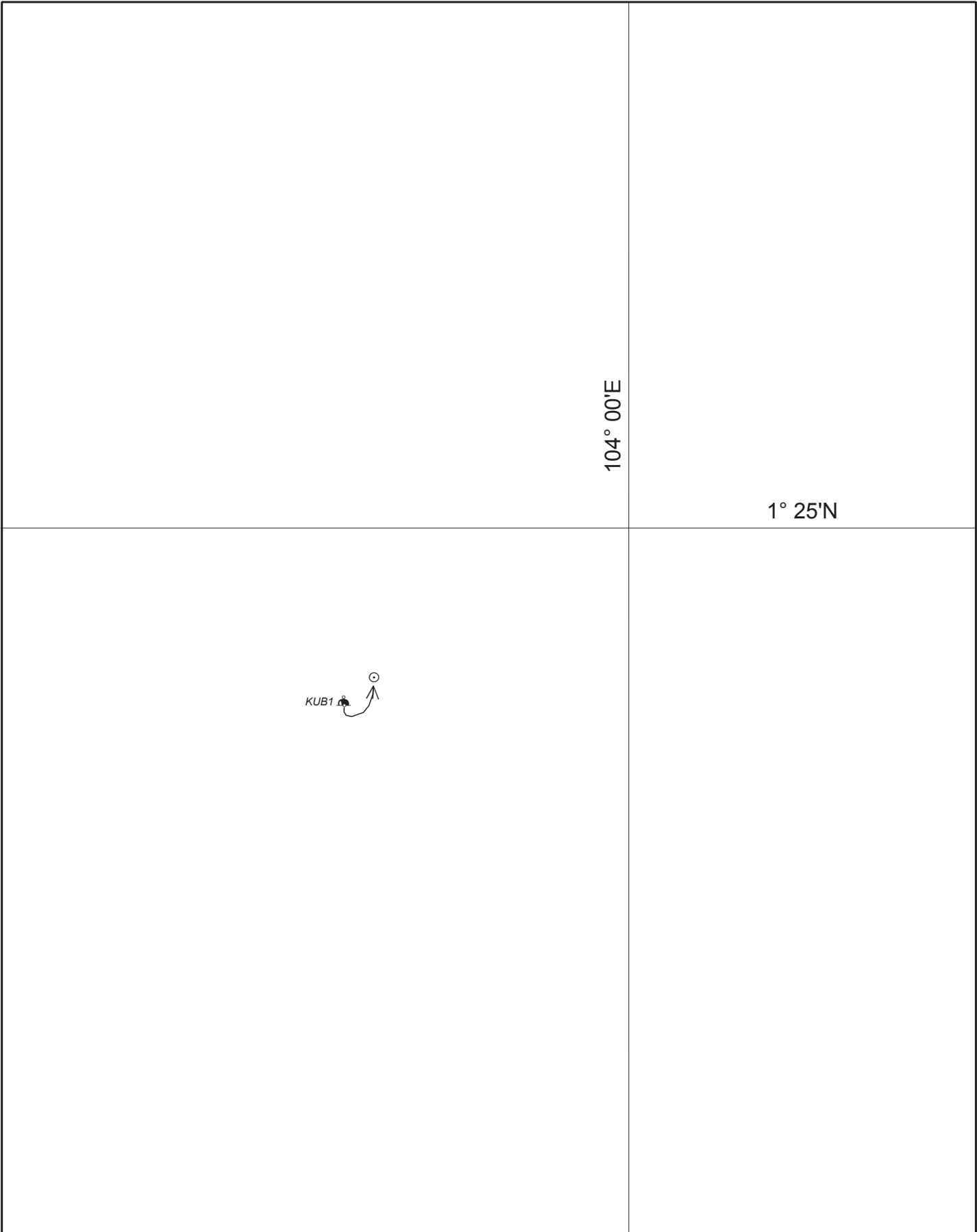
Equipment Used :

Type of Position Fixing : GPS/DGPS Others :

Type of Echo Sounder :


Name and Signature :

Ship's/Company's Stamp :

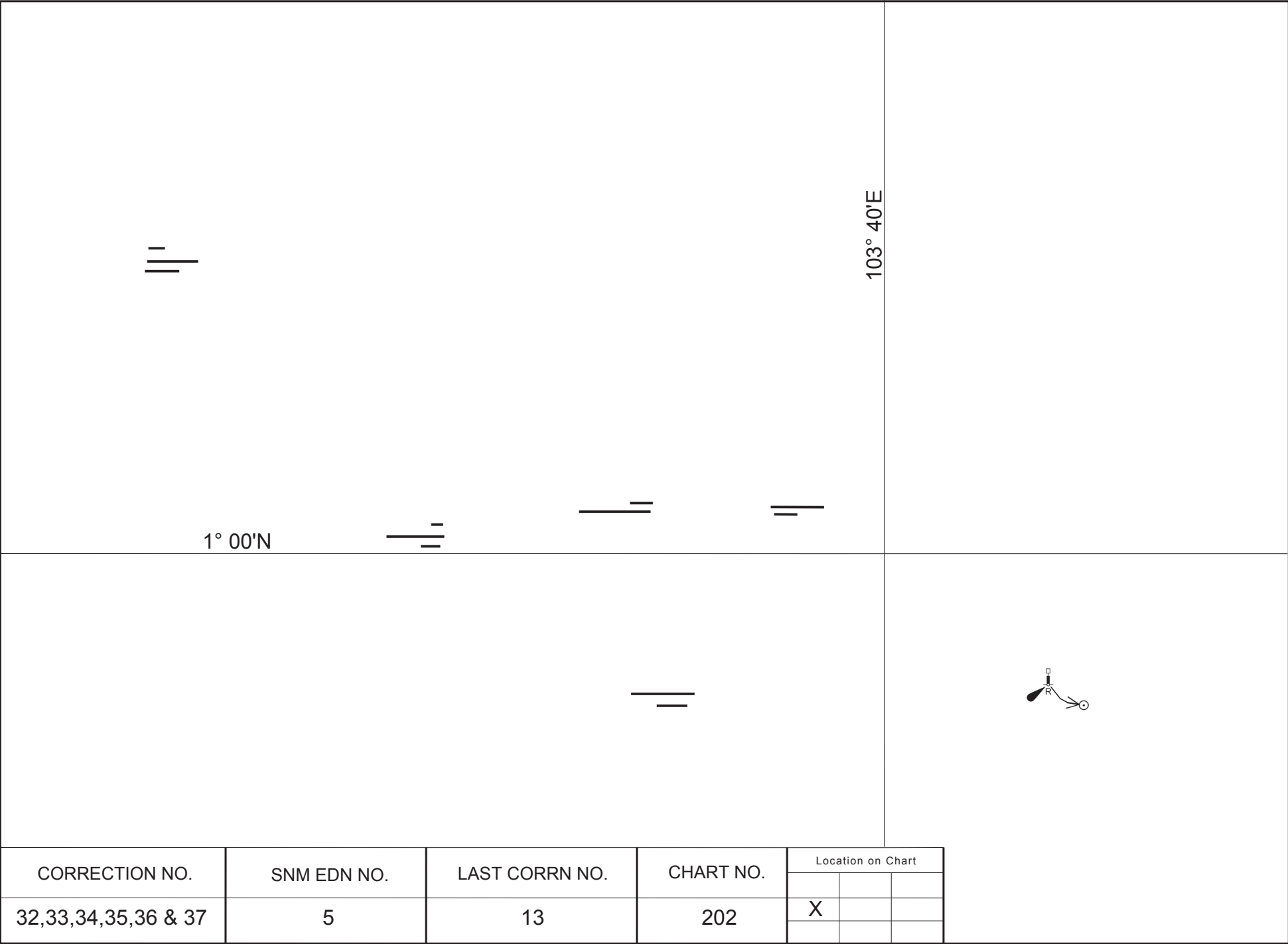


| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| | | | | | | |
| 30 | 5 | 25 | GSP1/SP1 | | | X |


Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer

| | | | 104° 00'E | | | |
|----------------|-------------|-----------------|---|-------------------|--|--|
| | | | in lieu  | | | |
| | | | | 1° 15'N | | |
| | | | | | | |
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
| | | | | | | |
| 31 | 5 | 30 | GSP1/SP1 | X | | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer



Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer

| | | | | | | | | | | |
|---|--|-------------|--|-----------------|--|-----------|--|-------------------|--|--|
| | | 103° 25'E | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
|  | | | | 1° 05'N | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| CORRECTION NO. | | SNM EDN NO. | | LAST CORR N NO. | | CHART NO. | | Location on Chart | | |
| 37 | | 5 | | 73/2023 | | 500 | | | | |
| | | | | | | | | X | | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer

| | | | | |
|---|-------------|---|-----------|-------------------|
| | | | | |
| <div> <div></div> <div>103° 35'E</div> <div></div> </div> | | <div> <div></div> <div>1° 00'N</div> <div></div> </div> | | |
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart |
| 34 & 35 | 5 | 24 | 501 | X |

Caution : some computer printers might distort the tracings.
 Users are advised to check and, if necessary, adjust settings on the printer

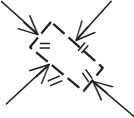
103° 30'E

1° 00'N

30'

| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|--|
| | | | | | | |
| 36 | 5 | 35 | 501 | X | | |

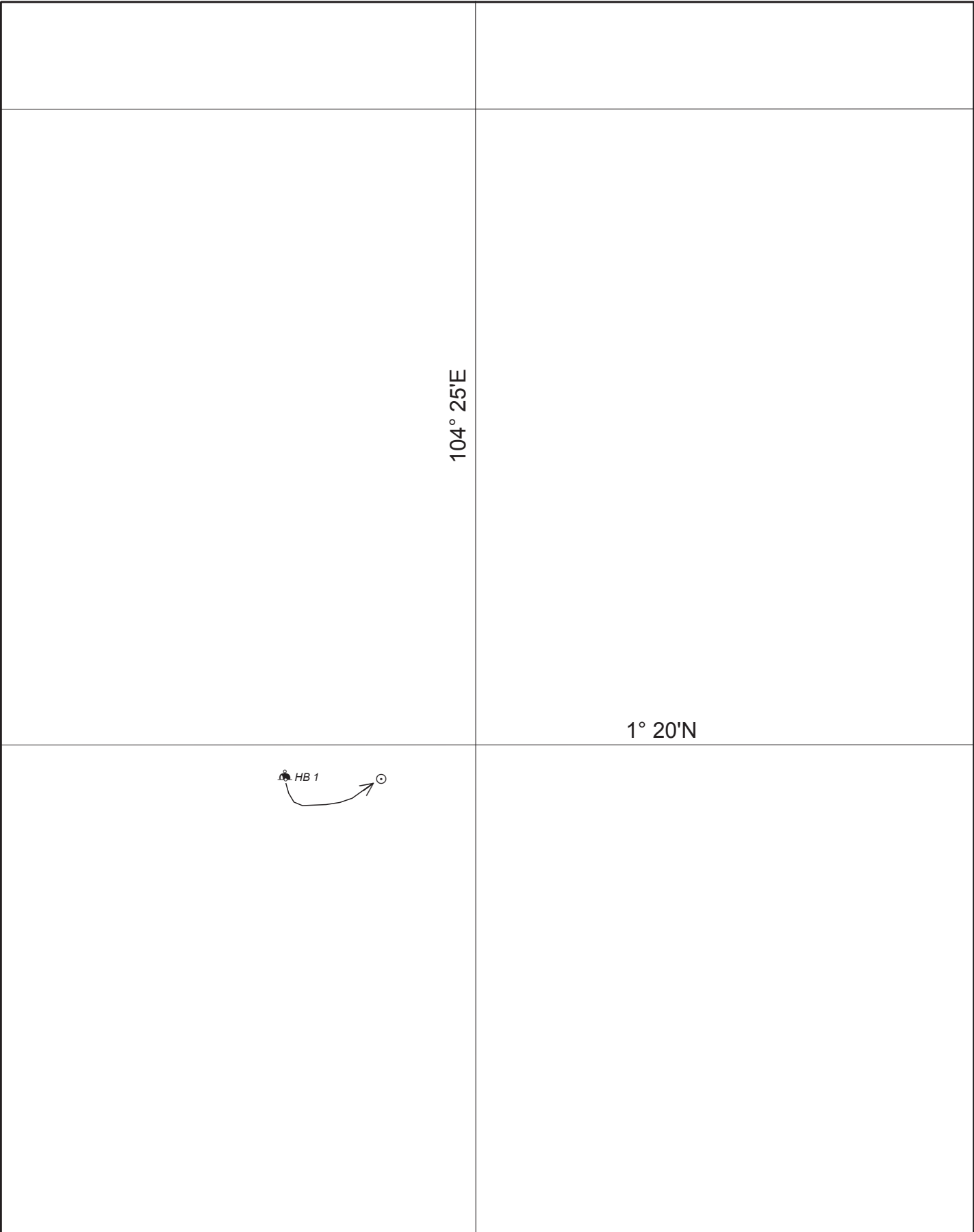
Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer

| | | | | | | | |
|----------------------|-------------|--------------------|-----------|-------------------|---|---|--|
| <div>103° 50'E</div> | | <div>1° 10'N</div> | | |  | | |
| | | | | | | | |
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | | |
| 38 | 5 | 36 | 501 | | | X | |
| | | | | | | | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer

| | | | | | | |
|---|-------------|-----------------|-----------|--------------------|--|--|
| | | | | | | |
| <div>in lieu</div> <div>104° 00'E</div> | | | | <div>1° 15'N</div> | | |
| | | | | | | |
| | | | | | | |
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
| 31 | 5 | 23 | 502 | X | | |
| | | | | | | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer



| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|---|--|
| | | | | | | |
| 39 | 5 | 74/2023 | 501 | | X | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer